IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

| CERTIFICATE | UNDER 3 | 37 CFR | 1.10 |
|--------------------|---------|--------|------|
|--------------------|---------|--------|------|

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited on , with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335469702US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

27 Feb OY

Signature

7510 U.S. PTC 10/788976

Re:

Inventor(s):

David McKay and David M. Haugen

Title: Dril

Drill Shoe

Transmitted herewith is the patent application identified above, including:

Specification, claims and abstract

23 Total Pages

Drawings

Informal

8 Total Pages

FEE CALCULATION

| | NUMBER OF CLAIMS FILED | LESS NUMBER PAID BY BASIC FEE | NUMBER OF EXTRA CLAIMS (Not less than zero) | LARGE ENTITY FEE |
|------------------------------|---------------------------|-------------------------------------|---|---------------------|
| Basic Fee | | | | \$770.00 |
| Total Claims | 45 | - 20 =25 | X \$18 = | \$450.00 |
| Independent Claims | 6 | - 3 = 3 | X \$86 = | \$258.00 |
| First Presenta | -0- | | | |
| Total Filing Fee Calculation | | | \$1,478.00 | |

The Commissioner is hereby authorized to charge \$750.00 to Deposit Account No. 20-0782/WEAT/0372/WBP. A duplicate copy of this transmittal is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0782/WEAT/0372/WBP. A duplicate copy of this transmittal is enclosed.

Please address all future correspondence to:

WILLIAM B. PATTERSON MOSER, PATTERSON & SHERIDAN, L.L.P. 3040 Post Oak Blvd., Suite 1500 Houston, TX 77056

Respectfully submitted,

William B. Patterson

Registration No. 34,102

MOSER, PATTERSON & SHERIDAN, L.L.P.

3040 Post Oak Blvd., Suite 1500

Houston, TX 77056

Telephone: (713) 623-4844 Facsimile: (713) 623-4846 Attorney for Applicants